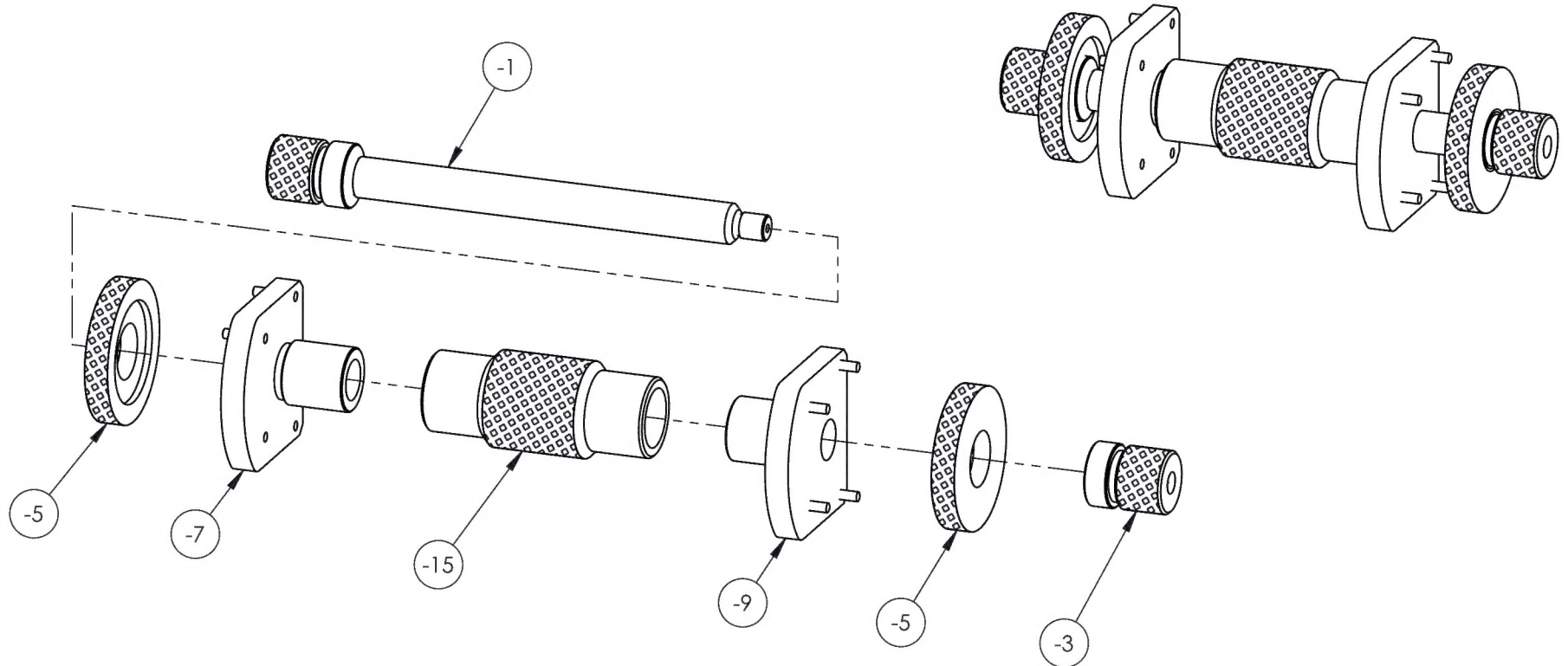


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	8/31/2016	DPD	JAG



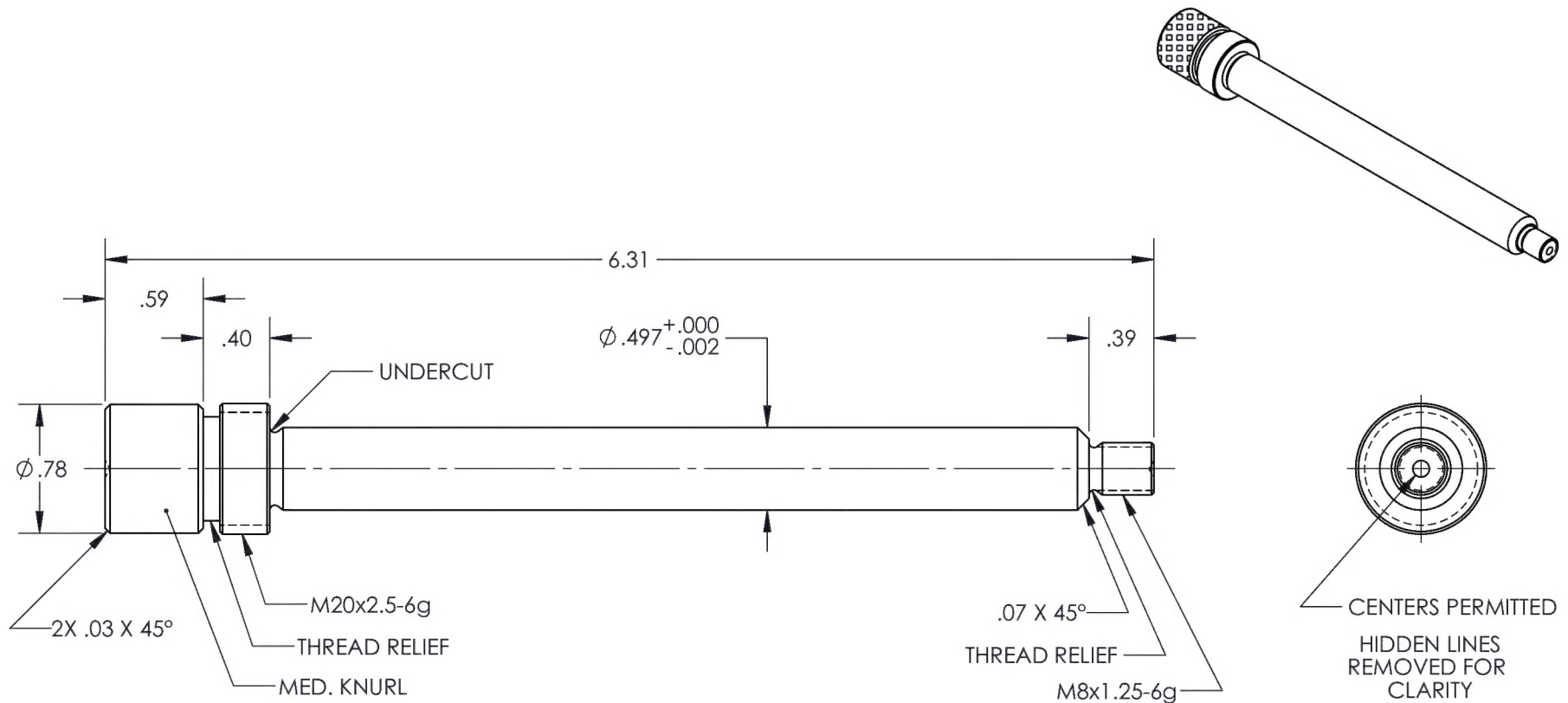
NOTE:
REF. EUROCOPTER T/N: 105-31702W23.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	LOCATING BOLT	BRASS		2
			-3	1	KNURLED NUT	BRASS		3
			-5	2	MEASURING WASHER	4140/4142		4
	X		-7	1	MEASURING FLANGE RH ASSEMBLY			5
X			-9	1	MEASURING FLANGE LH ASSEMBLY			6
	1		-11		MEASURING FLANGE PLATE RH	4140/4142		7
1			-13		MEASURING FLANGE PLATE LH	4140/4142		8
			-15	1	ADJUSTABLE SLEEVE	BRASS		9
4	4	B/O	-17		DOWEL PIN	STEEL	M3 X 12mm (MCMASTER-CARR #91595A112)	5.6
ASSY -9	ASSY -7							

DART AEROSPACE																											
TITLE MEASURING DEVICE																											
DWG NO. RBE105-31702W23	REV 1																										
<table border="1"> <tr> <td>MAT'L</td> <td>UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>HEAT TREAT</td> <td>DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>FINISH</td> <td>.XXX ± .005 FRACTIONS ± 1/8</td> </tr> <tr> <td>SPEC</td> <td>.XX ± .01 ANGLES ± 5°</td> </tr> <tr> <td></td> <td>.X ± .1 SURFACES = 125°</td> </tr> <tr> <td>DRAWN BY:</td> <td>DUERFELDT</td> </tr> <tr> <td>CHECKED:</td> <td>CLOUGH</td> </tr> <tr> <td>OPPS APPR:</td> <td>ANDERSON</td> </tr> <tr> <td>QA APPR:</td> <td>LINDSAY</td> </tr> <tr> <td>APPROVED:</td> <td>GILBERT</td> </tr> <tr> <td>SCALE</td> <td>1:2</td> </tr> <tr> <td>DATE</td> <td>1/18/2016</td> </tr> <tr> <td colspan="2" style="text-align: center;">USED ON MODEL EC145</td> </tr> </table>		MAT'L	UNLESS OTHERWISE SPECIFIED	HEAT TREAT	DIMENSIONS ARE IN INCHES	FINISH	.XXX ± .005 FRACTIONS ± 1/8	SPEC	.XX ± .01 ANGLES ± 5°		.X ± .1 SURFACES = 125°	DRAWN BY:	DUERFELDT	CHECKED:	CLOUGH	OPPS APPR:	ANDERSON	QA APPR:	LINDSAY	APPROVED:	GILBERT	SCALE	1:2	DATE	1/18/2016	USED ON MODEL EC145	
MAT'L	UNLESS OTHERWISE SPECIFIED																										
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CHECKED:	CLOUGH																										
OPPS APPR:	ANDERSON																										
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APPROVED:	GILBERT																										
SCALE	1:2																										
DATE	1/18/2016																										
USED ON MODEL EC145																											
SHEET 1 OF 9																											

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REV	ECR	DESCRIPTION	DATE
			INITIAL
			APPROVED



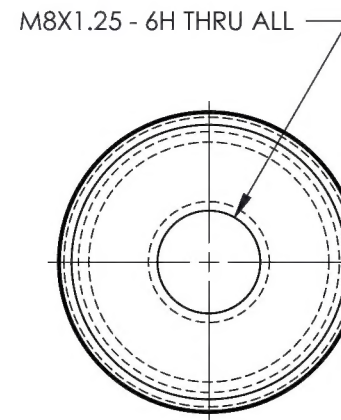
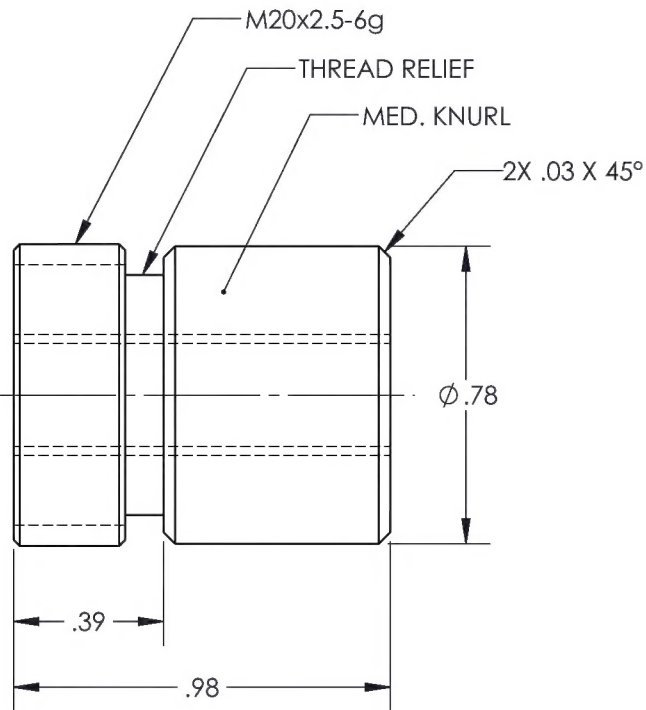
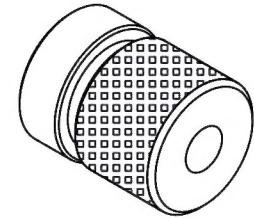
(-1)

LOCATING BOLT

DART AEROSPACE	
TITLE MEASURING DEVICE	
DWG NO. RBE105-31702W23-1	REV 1
MAT'L BRASS	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125°
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 1:1	DATE 1/18/2016
	SHEET 2 OF 9

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				APPROVED



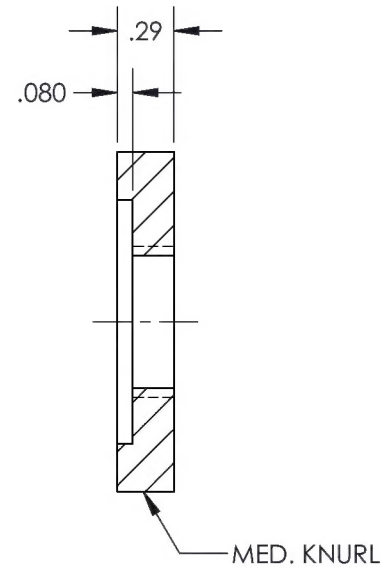
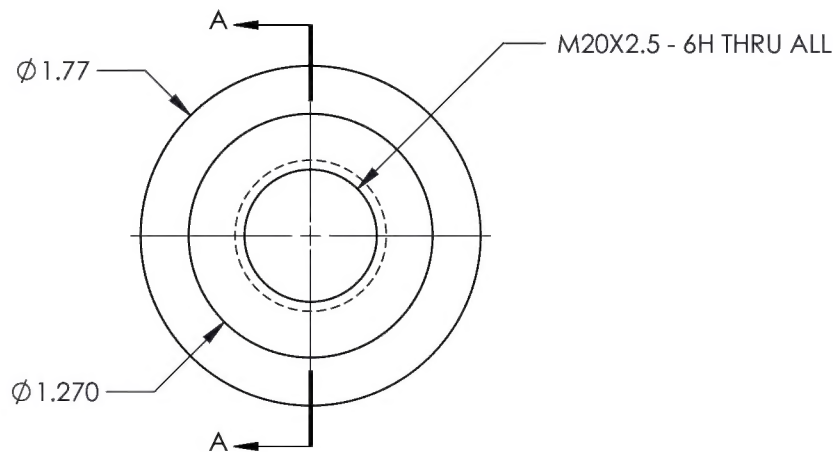
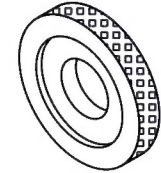
(-3)

KNURLED NUT

DART AEROSPACE	
TITLE MEASURING DEVICE	
DWG NO. RBE105-31702W23-3	REV 1
MAT'L BRASS	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 2:1	DATE 1/18/2016
	SHEET 3 OF 9

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				APPROVED



SECTION A-A

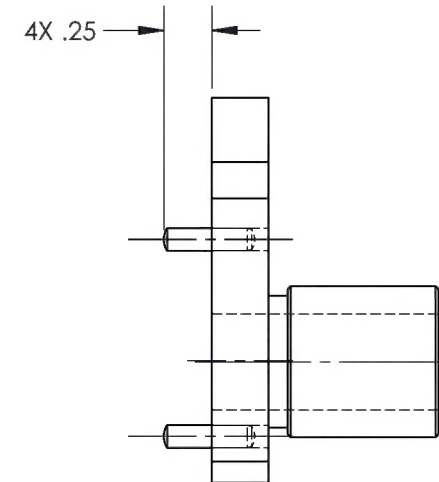
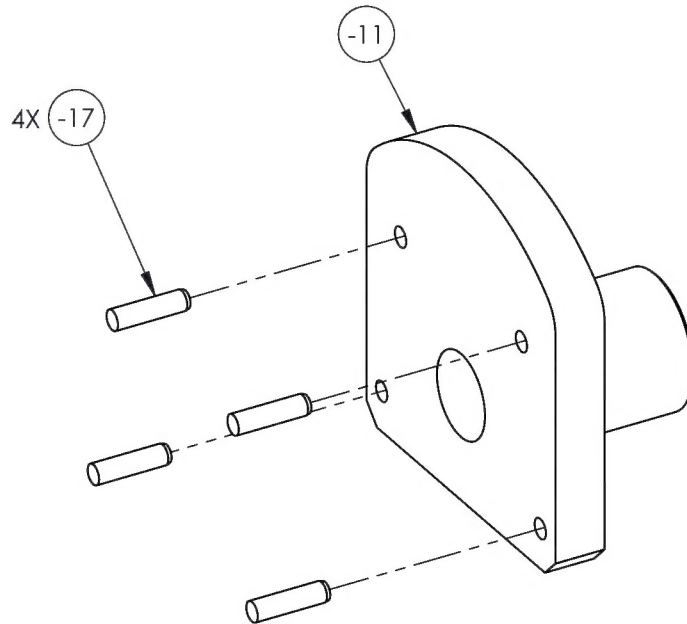
(-5)

MEASURING WASHER

DART AEROSPACE	
TITLE MEASURING DEVICE	
DWG NO. RBE105-31702W23-5	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 40-45	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± .5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125✓
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 1/18/2016	USED ON MODEL
	EC145
	SHEET 4 OF 9

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				APPROVED



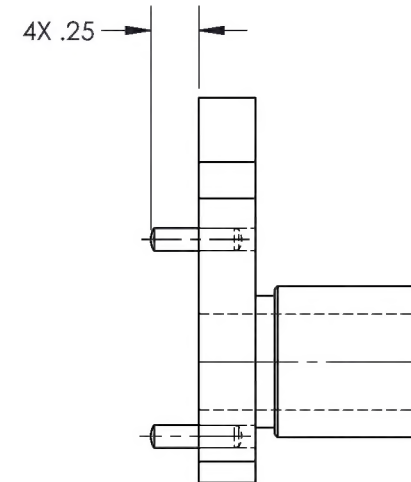
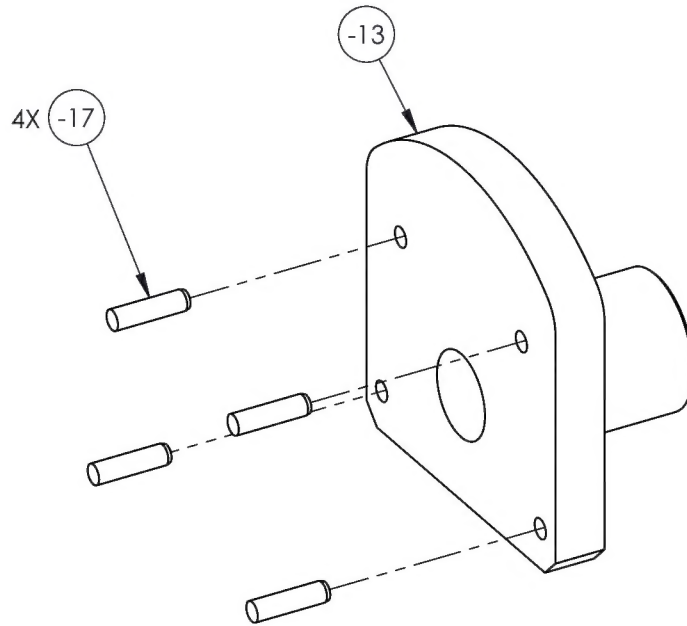
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MEASURING FLANGE RH ASSEMBLY

DART AEROSPACE	
TITLE MEASURING DEVICE	
DWG NO. RBE105-31702W23-7	REV 1
MAT'L HEAT TREAT FINISH ZINC PLATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°
SPEC ASTM B633 TYPE I SC 2	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	EC145
APPROVED: GILBERT	
SCALE 1:1	DATE 1/18/2016
SHEET 5 OF 9	

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				APPROVED



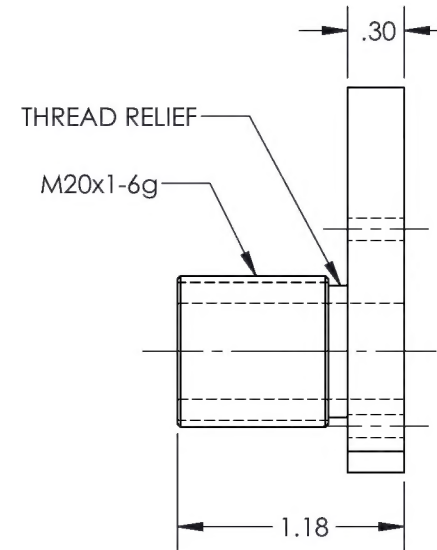
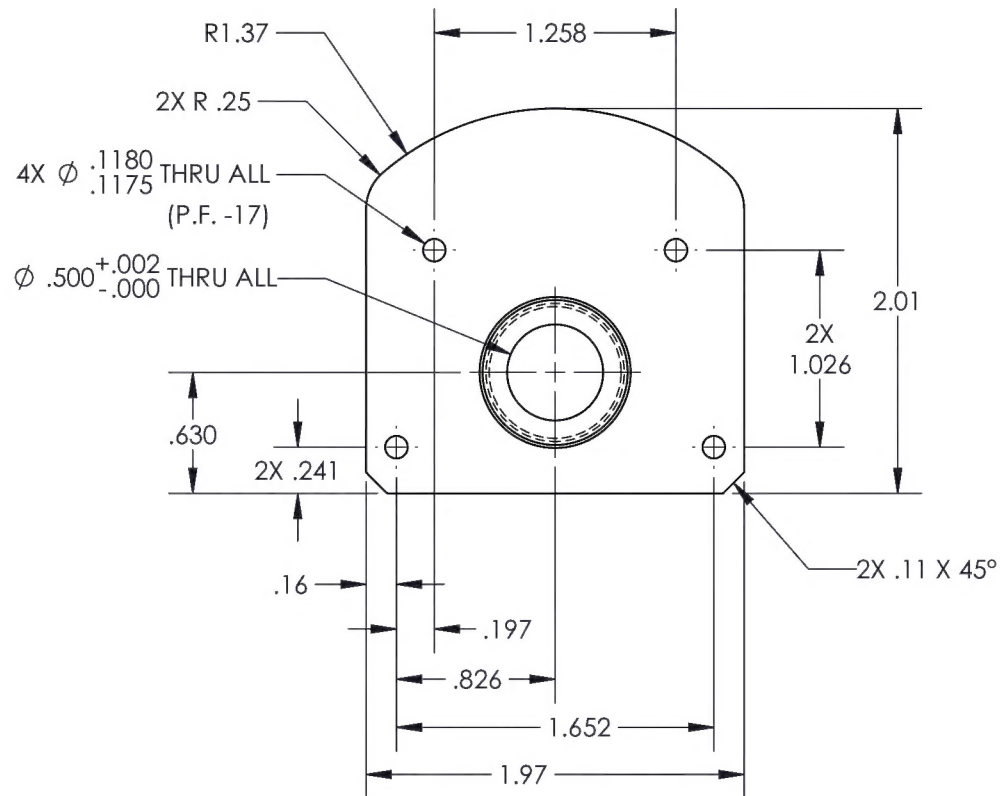
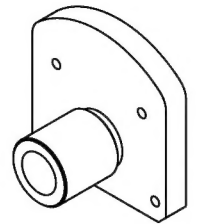
(-9)

MEASURING FLANGE LH ASSEMBLY

DART AEROSPACE	
TITLE MEASURING DEVICE	
DWG NO. RBE105-31702W23-9	REV 1
MAT'L REAT	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
FINISH ZINC PLATE	
SPEC ASTM B633 TYPE I SC 2	
DRAWN BY: DUERFELDT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	USED ON MODEL EC145
SCALE 1:1	DATE 1/18/2016
SHEET 6 OF 9	

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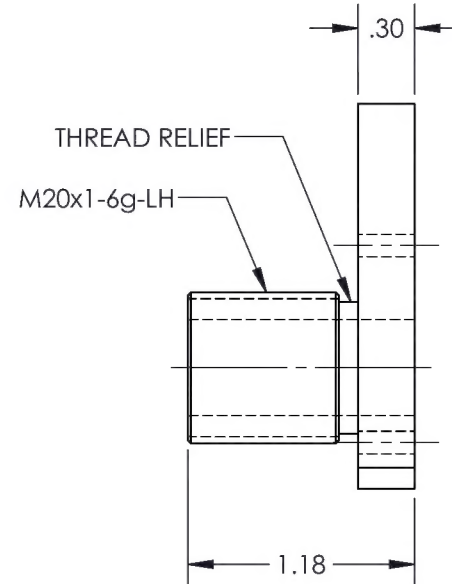
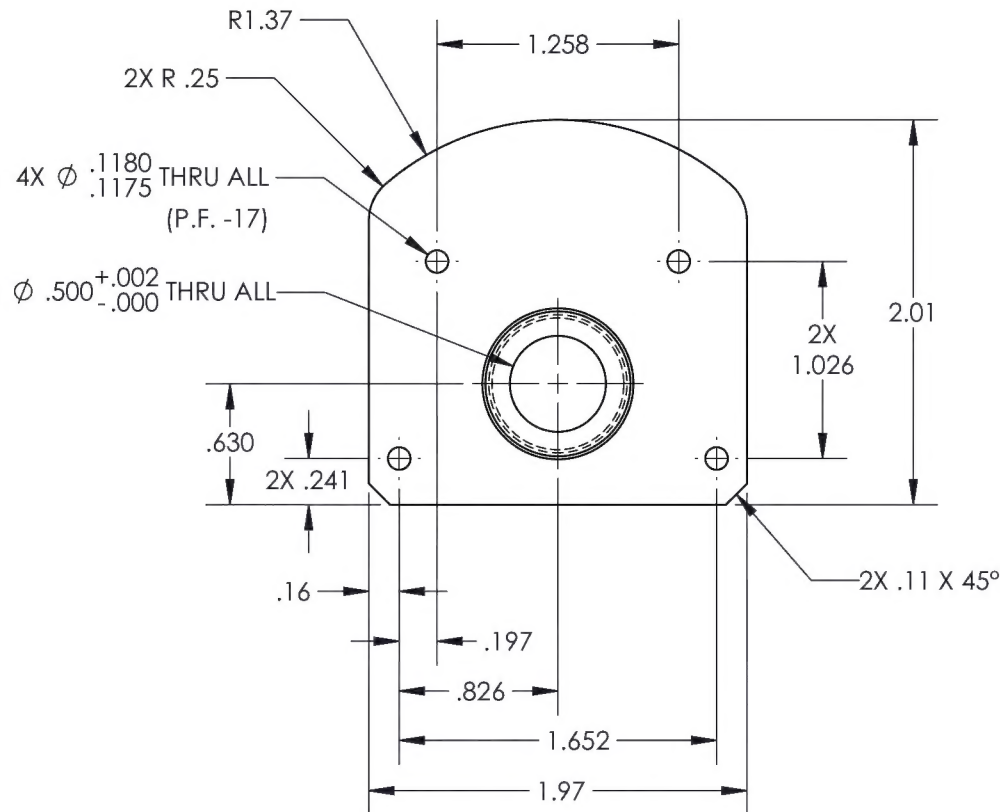
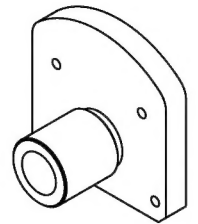
(-11)

MEASURING FLANGE PLATE RH

DART AEROSPACE	
TITLE MEASURING DEVICE	
DWG NO. RBE105-31702W23-11	REV 1
MAT'L 4140/4142 HEAT TREAT RC 40-45 FINISH SEE -7 SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	EC145
SCALE 1:1	DATE 1/18/2016
SHEET 7 OF 9	

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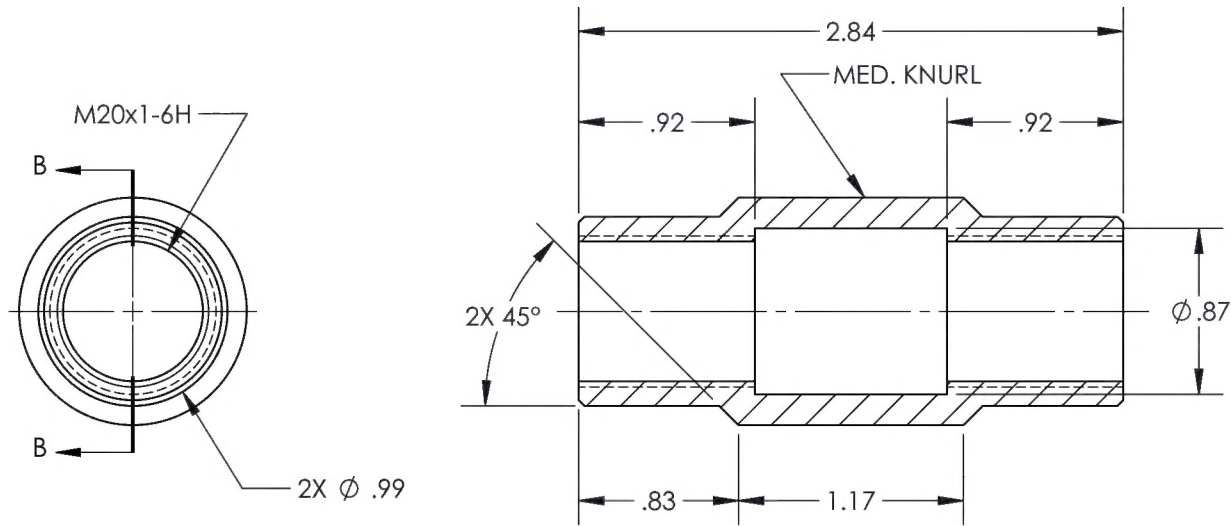
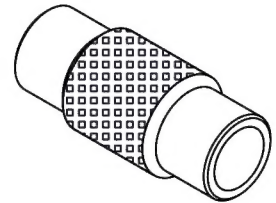
(-13)

MEASURING FLANGE PLATE LH

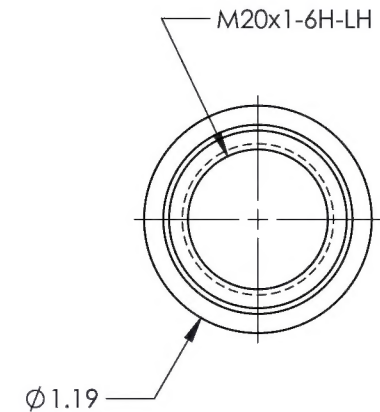
DART AEROSPACE	
TITLE MEASURING DEVICE	
DWG NO. RBE105-31702W23-13	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 40-45	DIMENSIONS ARE IN INCHES
FINISH SEE -9	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125°
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 1/18/2016	USED ON MODEL
SHEET 8 OF 9	EC145

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SECTION B-B



(15)

ADJUSTABLE SLEEVE

DART AEROSPACE	
TITLE MEASURING DEVICE	
DWG NO. RBE105-31702W23-15	REV 1
MAT'L BRASS	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± 5°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	EC145
SCALE 1:1	DATE 1/18/2016
SHEET 9 OF 9	